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ATTORNEY DOCKET NO. 8511-021-999Date: April 27, 1999

Assistant Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

The following utility patent application is enclosed for filing:

Applicant(s): Gerald P. Murphy, Alton L. Boynton and Anil Sehgal Executed on: Inventors unavailable at time of execution

Title of Invention: Nr-CAM GENE, NUCLEIC ACIDS AND NUCLEIC ACID PRODUCTS FOR THERAPEUTIC AND DIAGNOSTIC USES FOR TUMORS

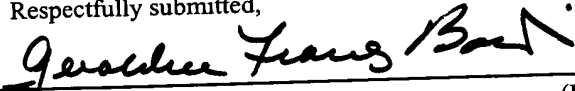
**PATENT APPLICATION FEE VALUE**

TYPE	NO. FILED	LESS	EXTRA	EXTRA RATE	FEE
Total Claims	21	-20	1	\$18.00 each	\$ 18.00
Independent	12	-3	9	\$78.00 each	\$ 702.00
Minimum Fee					\$ 760.00
Multiple Dependency Fee If Applicable (\$260.00)					\$ 0.00
Total					\$ 1,480.00
50% Reduction for Independent Inventor, Nonprofit Organization or Small Business Concern (a verified statement as to the applicant's status is attached)					- \$ 0.00
Total Filing Fee					\$ 1,480.00

☒ Priority of application nos. 60/083,152 and 60/112,098 filed on 04/27/98 and 12/14/98 is claimed under 35  
U.S.C. § 119.  
☐ The certified copy of the priority application has been filed in application no. filed  
☐ Amend the specification by inserting before the first line the following sentence: This is a continuation-in-part  
of application no. filed.

Please charge the required fee to Pennie & Edmonds LLP Deposit Account No. 16-1150. A copy of this sheet is enclosed.

Respectfully submitted,



Geraldine F. Baldwin  
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31,232  
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Enclosure

This form is not for use with continuation, divisional, re-issue, design or plant patent applications.

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PTO/SB/29 (12/97)

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# UTILITY PATENT APPLICATION TRANSMITTAL

Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 8511-021-999 Total Pages 165

First Named Inventor or Application Identifier

Murphy, Gerald P.

Express Mail Label No. EM 061 020 777 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents  
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1. ☒ Fee Transmittal Form  
Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages 136]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R&D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description of the Invention (including drawings, if filed)
  - Claim(s)
  - Abstract of the Disclosure
3. 26 Drawing(s) (35 USC 113) [Total Sheets 27]
4. ☒ Oath or Declaration (unexecuted) [Total Sheets 02]
  - ☐ Newly executed (original or copy)
  - ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]
  - i. ☐ DELETION OF INVENTORS(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33 (b).
5. ☒ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. ☒ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☒ Computer Readable Copy
  - b. ☒ Paper Copy (identical to computer copy)
  - c. ☒ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14. ☐ Small Entity ☐ Statement filed in prior application,  
Statement(s) Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other:

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:  
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: filed.

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**Nr-CAM GENE, NUCLEIC ACIDS AND NUCLEIC ACID PRODUCTS**  
**FOR THERAPEUTIC AND DIAGNOSTIC USES FOR TUMORS**

5

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